



# TECHNICAL DATA



## KD65Z-DOL

BURNED, DIRECT-BONDED, SPALL RESISTANT, MAGNESITE ENRICHED DOLOMIT BRICK

<p><b>FEATURES</b></p>	<p>High purity sintered dolomite that is sized, blended with magnesite, pressed into a brick shape, then fired in a high temperature tunnel kiln to create a strong ceramically bonded brick. KD65Z-DOL is a premium quality refractory for more aggressive wear areas in tuyere pads and slaglines of AOD's, VOD's and ladle furnaces.</p>															
<p><b>PHYSICAL PROPERTIES (ASTM procedures used where applicable)</b></p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;"><u>g/cm<sup>3</sup></u></th> <th style="width: 20%; text-align: center;"><u>lb/ft<sup>3</sup></u></th> </tr> </thead> <tbody> <tr> <td>Bulk Density:</td> <td style="text-align: center;">2.82-2.92</td> <td style="text-align: center;">176-182</td> </tr> <tr> <td>Apparent Porosity, %:</td> <td colspan="2" style="text-align: center;">12-15</td> </tr> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;"><u>N/mm<sup>2</sup></u></th> <th style="width: 20%; text-align: center;"><u>lb/in<sup>2</sup></u></th> </tr> <tr> <td>Cold Crushing Strength:</td> <td style="text-align: center;">&gt;29</td> <td style="text-align: center;">&gt;4200</td> </tr> </tbody> </table>		<u>g/cm<sup>3</sup></u>	<u>lb/ft<sup>3</sup></u>	Bulk Density:	2.82-2.92	176-182	Apparent Porosity, %:	12-15			<u>N/mm<sup>2</sup></u>	<u>lb/in<sup>2</sup></u>	Cold Crushing Strength:	>29	>4200
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	<p style="text-align: center;"><b>PACKAGING AND STORAGE</b></p> <p>Standard full pallets are packaged in vacuum sealed ALUVAC foil for optimum shelf life. Care should be taken to prevent ALUVAC damage. Store pallets in a dry protected area.</p>															
	<p>The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.</p> <p>RESOCO PRODUCTS disclaims any express or implied warranties based on this sheet.</p> <p>02/05/08 is the date that this data sheet was updated. Check with your RESOCO sales representative or RESOCO website to determine you have the current sheet</p>															